

WEST Search History

DATE: Tuesday, December 31, 2002

Set Name Query

side by side

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result set

DB=USPT,PGPB,JPAB,EPAB,DWPI; PLUR=YES; OP=ADJ

L23	L21 and l20	65	L23
L22	L21 and l19	240	L22
L21	l1 and l17	240	L21
L20	l16 or l18	6043	L20
L19	L18 or l17	83133	L19
L18	((424/451)!.CCLS.)	1175	L18
L17	diclofenac or naproxen or acetylsalicylic acid or salicyclic acid or benzoic acid or saccharin or cylamate or acesulfame	82247	L17
L16	((424/457 424/458 424/459 424/462 424/463 424/464 424/468 424/470 424/474 424/475 424/480 424/489 424/490)!.CCLS.)	5704	L16
L15	l7 and (tablet or capsule)	128	L15
L14	tramadol and acesulfame	14	L14
L13	tramadol and cylamate	0	L13
L12	tramadol and saccharin	41	L12
L11	tramadol and benzoic acid	53	L11
L10	tramadol and salicylic	92	L10
L9	tramadol and acetylsalicylic	71	L9
L8	tramadol and naproxen	163	L8
L7	tramadol and diclofenac	177	L7
L6	l5 and (enteric coat\$3)	43	L6
L5	L4 and (pellet or granule or microcapsule or microtablet)	102	L5
L4	L3 and (tablet or capsule)	142	L4
L3	l1 and l2	204	L3
L2	diclofenac or naproxen or acetylsalicylic or salicyclic benzoic saccharin or cylamate or acesulfame	9948	L2
L1	tramadol	506	L1

END OF SEARCH HISTORY

Patent Assignment Abstract of Title

Total Assignments: 1**Application #:** 10084676 **Filing Dt:** 02/28/2002 **Patent #:** NONE **Issue Dt:****PCT #:** NONE**Publication #:** NONE**Pub Dt:****Inventors:** Iris Ziegler, Johannes Bartholomaeus**Title:** Sustained-release, oral pharamaceutical forms of formulation**Assignment: 1**

Reel/Frame: <u>012919/0535</u>	Received: 05/28/2002	Recorded: 05/22/2002	Mailed: 07/25/2002	Pages: 2
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Conveyance: ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).**Assignors:** ZIEGLER, IRIS**Exec Dt:** 04/17/2002BARTHOLOMAEUS, JOHANNES**Exec Dt:** 05/03/2002**Assignee:** GRUENETHAL GMBH

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Search Results as of: 12/31/2002 7:29:17 P.M.

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Web interface last modified: Oct. 5, 2002

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result set

DB=USPT,PGPB,JPAB,EPAB,DWPI; PLUR=YES; OP=ADJ

<u>L9</u>	L8 and (shellac or \$15acrylate)	23	<u>L9</u>
<u>L8</u>	L7 and enteric	29	<u>L8</u>
<u>L7</u>	L6 and coat\$3	74	<u>L7</u>
<u>L6</u>	L5 and tablet	81	<u>L6</u>
<u>L5</u>	L4 and tramadol	94	<u>L5</u>
<u>L4</u>	l1 and l3	7198	<u>L4</u>
<u>L3</u>	water solub\$5	287051	<u>L3</u>
<u>L2</u>	water solubility	30285	<u>L2</u>
<u>L1</u>	sustained release	23646	<u>L1</u>

END OF SEARCH HISTORY

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L15: Entry 127 of 128

File: DWPI

Oct 24, 2002

DERWENT-ACC-NO: 2001-104043

DERWENT-WEEK: 200273

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TITLE: Oral dosage formulation containing tramadol and diclofenac, useful for treating pain, contains the active ingredients in separate subunits

INVENTOR: BARTHOLOMAEUS, J H A; ZIEGLER, I ; BARTHOLOMAEUS, J

PRIORITY-DATA: 1999DE-1027689 (June 17, 1999)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
US 20020156133 A1	October 24, 2002		000	A61K031/195
DE 19927689 A1	December 21, 2000		013	A61K031/135
WO 200078294 A2	December 28, 2000	G	000	A61K009/48
AU 200056805 A	January 9, 2001		000	A61K009/48
EP 1185253 A2	March 13, 2002	G	000	A61K009/48
HU 200201687 A2	September 30, 2002		000	A61K009/48

INT-CL (IPC): A61 K 9/16; A61 K 9/20; A61 K 9/48; A61 K 9/50; A61 K 31/135; A61 K 31/137; A61 K 31/195; A61 K 31/22

ABSTRACTED-PUB-NO: DE 19927689A

BASIC-ABSTRACT:

NOVELTY - Oral dosage formulation (A) contains tramadol (I) and diclofenac (II) and/or their salts, and has each active ingredient in a separate sub-formulation in the same (A).

ACTIVITY - Analgesic.

USE - (A) are used to treat pain.

ADVANTAGE - (I) and (II) can be combined without affecting their release profiles or reducing bioavailability, and the tablets provide both an immediate dose, for rapid pain relief, and long-term therapeutically effective plasma levels. Particularly the tablets need to be taken only once or twice a day.

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L15: Entry 125 of 128

File: EPAB

Dec 28, 2000

PUB-NO: WO000078289A1

DOCUMENT-IDENTIFIER: WO 78289 A1

TITLE: MULTILAYERED TABLET FOR ADMINISTRATION OF A FIXED COMBINATION OF TRAMADOL AND DICLOFENAC

PUBN-DATE: December 28, 2000

INVENTOR-INFORMATION:

NAME

COUNTRY

BARTHOLOMAEUS, JOHANNES

DE

ZIEGLER, IRIS

DE

INT-CL (IPC): A61 K 9/20; A61 K 31/19; A61 K 31/485EUR-CL (EPC): A61K009/20

ABSTRACT:

A multilayered tablet for oral administration, comprising at least one tramadol layer and diclofenac in at least one layer and/or the physiologically acceptable salt thereof. Said layers are separated from each other by means of a separating layer.

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L15: Entry 126 of 128

File: DWPI

Sep 30, 2002

DERWENT-ACC-NO: 2001-183915

DERWENT-WEEK: 200272

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TITLE: Multi-layered tablet containing tramadole and diclofenac, useful for treating pain, has separating layer between active ingredient layers

INVENTOR: BARTHOLOMAEUS, J H A; ZIEGLER, I ; BARTHOLOMAEUS, J

PRIORITY-DATA: 1999DE-1027688 (June 17, 1999)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
HU 200201686 A2	September 30, 2002		000	A61K009/20
DE 19927688 A1	December 21, 2000		013	A61K031/196
WO 200078289 A1	December 28, 2000	G	000	A61K009/20
AU 200059722 A	January 9, 2001		000	A61K009/20
EP 1183015 A1	March 6, 2002	G	000	A61K009/20
US 20020132850 A1	September 19, 2002		000	A61K009/24

INT-CL (IPC): A61 K 9/20; A61 K 9/24; A61 K 31/135; A61 K 31/137; A61 K 31/19; A61 K 31/195; A61 K 31/196; A61 K 31/485 ; A61 P 25/04

ABSTRACTED-PUB-NO: DE 19927688A

BASIC-ABSTRACT:

NOVELTY - In a multi-layered tablet (A) containing tramadol (I) and diclofenac (II) and/or their salts, each present in one or more layers, there are separation layers between each of the active ingredient layers.

ACTIVITY - Analgesic.

USE - (A) are used to treat pain.

ADVANTAGE - (I) and (II) can be combined without affecting their release profiles or reducing bioavailability, and the tablets provide both an immediate dose, for rapid pain relief, and long-term therapeutically effective plasma levels. Particularly the tablets need to be taken only once or twice a day.